IN THE CLAIMS:

Please amend the following claim pursuant to 37 C.F.R. § 1.121 as follows (see the accompanying "marked up" version pursuant to § 1.121):

3. (Amended) A slide drive device, according to claim 2, wherein:

A1

said adjusting means is operably affixed to said connecting rod;

said adjusting means is operable to guide said connecting rod along a specified trajectory; and

said adjusting means is pivotable about said center position to adjust said specified trajectory whereby said stroke is adjusted.

19. (Amended) A slide drive device, according to claim 18, further comprising:

A2

a center position on said adjusting means;

said center position being proximate said one dead center position;

said adjusting means being operable about said center position to effect said adjustment.

Please add the following claims:

23. (New) A slide drive device, according to claim 1, wherein:

A3

said adjusting means being a single, shared adjusting means on which the motion of each of said at least one drive branching link is dependent.

24. (New) A slide drive device, according to claim 1, further comprising:

said first and said second upper toggle means;

a rotation center in each said first and second upper toggle means;

A3 cont

said rotation center permitting said first and second upper toggle means to rotate in an arc;

a first link connects each said rotation center to said at least one drive branching link;

said at least one drive branching link effective to transfer said guiding displacement to each said first and second upper toggle link means;

a first and a second lower toggle link;

a second link operably connects each said rotation center to each respective said lower toggle link; and

said first and second upper toggle means being effective to transfer said guiding displacement through said second links to respective said first and second lower toggle links and said slide whereby said slide operates through said cycle while maintaining a left and right balance.

25. (New) A slide drive device, according to claim 2, further comprising:

a guide board in said adjusting means;

a groove in said guide board;

a slider being slidable in said groove;

a pin extending from said slider;

said groove and said pin being pivotable about said center position;

one end of a first and second end of said connecting rod;

said one end operably fixed to said pin; and

A3 cont

said slider and said pin being effective to transfer said reciprocating motion to said connecting link and said guiding means.

26. (New) A slide drive device according to claim 1, further comprising:

a first and second dynamic balancer means;

a first and second retention link;

said first and second retention links operably connecting each respective said upper toggle means to each respective said dynamic balancer means; and

each said first and second dynamic balancer means and said first and second retention links having a shape and a weight adaptable to each respective said first and second upper toggle link and said slide whereby vibration is minimized when said first and second upper toggle means drive said slide in said cycle.

27. (New) A slide drive device, according to claim 1, wherein said crank shaft and said adjusting means are above said first and second upper toggle means and said at least one drive branching link.

28. (New) A slide drive device according to claim 1, further comprising:

a base in said guiding means;

a groove in said base;

said groove being along a centerline between each said upper toggle means;

a slider being slidable in said groove;

said connecting link operably connected to said slider;

said connecting link transferring said reciprocating motion to said slider whereby said slider operates along said centerline;

A3 cont

said at least one drive branching link operably connected to said slider; and

said at least one drive branching link and said slider transferring said guiding displacement to said first and second upper toggle means whereby said slide operates through said cycle while maintaining a left and right balance along said centerline.

29. (New) A slide drive device according to claim 17, wherein:

said adjusting means is a single, shared adjusting means on which the motion of each of at least one drive branching link is dependent.

30. (New) A slide drive device, according to claim 22, further comprising:

said first and said second upper toggle means;

a rotation center in each said first and second upper toggle means;

said rotation center permitting said first and second upper toggle means to rotate in an arc;

a first link connects each said rotation center to said at least one drive branching

link;

a first and a second lower toggle link;

a second link operably connects each said rotation center to each respective said lower toggle link; and

said first and second upper toggle means being effective to transfer said guiding displacement through said second links to respective said first and second lower toggle links and said slide whereby said slide operates through said cycle while maintaining a left and right balance.

31. (New) A slide drive device, according to claim 20, further comprising:

a guide board in said adjusting means;

a groove in said guide board;

a slider being slidable in said groove;

a pin extending from said slider;

said groove and said pin being pivotable about said center position;

one end of a first and second end of said connecting rod;

said one end operably fixed to said pin; and

said slider and said pin being effective to transfer said reciprocating motion to said connecting link and said guiding means.

32. (New) A slide drive device according to claim 18, further comprising:

a first and second dynamic balancer means;